

STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
Land Division  
Honolulu, Hawaii 96813

September 25, 2015

Board of Land and Natural Resources  
State of Hawaii  
Honolulu, Hawaii

PSF No: 15KD-139

KAUAI

Request to Close State Unencumbered Beach Lands within the Ground Hazard Area for University of Hawaii – Hawaii Space Flight Lab Missile Launch, Waimea, Kekaha, Kauai, Tax Map Keys: portions Seaward of (4) 1-2-002:040, (4) 1-2-002:036 and (4) 1-2-002:001

BACKGROUND:

The University of Hawaii’s Hawaii Space Flight Lab (HSFL) was established in 2007 within the University of Hawaii at Manoa’s School of Ocean and Earth Science and Technology (SOEST) and the College of Engineering. As a multidisciplinary research and education center, HSFL brings together individuals from diverse area and other University campuses to work on the exploration and understanding of the space environment.

Kauai Community College will be the primary communications link. Honolulu Community College is designing one of the satellite payloads and will operate a receiving station during the mission.

HSFL is the contractor for the launch facility, three rocket motor stages (designed and built by Aerojet), and a satellite to be placed into low-earth orbit. HSFL faculty and staff are hard at work on HiakaSat. “Hiaka” means “to recite legends or famous stories” in Hawaiian. It is also an acronym for Hyperspectral Imaging, Aeronautical Kinematic Analysis.

HSFL is utilizing the Pacific Missile Range Facility Barking Sands (PMRF). The facility regularly launches and tests rockets for the military.

The ORS-4 Super Srypi launch vehicle will be launched from Pad 41 located at Kokole Point on the southern end of PMRF. The ORS-4 launch window is planned for 3:00pm – 7:00pm, HST. Primary date is October 29, 2015. The back-up dates are October 30, 2015 and November 1 and 2, 2015.

The Ground Hazard Area (GHA) and Safety Zone Area (SZA) are shown in Exhibit 1. This total area encompasses several businesses and a State Unencumbered Beach. The GHA and SZA must be cleared three (3) hours before launch to ensure the health and safety of the public.

All affected businesses have been notified (Exhibit 2) and agree to comply and cooperate with PMRF's request.

The entire State Unencumbered Beach area accessible to the public within the GHA and SZA will also be cleared up to and during the launch window.

The specific purpose of this application is for the HSFL to request the services of Department of Land and Natural Resources – Division of Conservation and Resources Enforcement (DOCARE) to ensure the public is safely out of the GHA and SZA. Funding to support this service will be procured by the University of Hawaii.

Closure of the State Unencumbered Beach area falls under §13-221-4, Hawaii Administrative Rules, provides:

“Closing of areas. The board or its authorized representative may establish a reasonable schedule of visiting hours for all portions of the premises and close or restrict the public use of all or any portion thereof, when necessary for the protection of the area or for the safety and welfare of persons or property, by the posting or appropriate signs indicating the extent and scope of closure. All persons shall observe and abide by the officially posted signs designating closed areas and visiting hours.”

Staff recommends a complete closure of the affected State Unencumbered Beach on the date(s) and times specified above for the safety of the public.

RECOMMENDATION:

That the Board approve the closure of the State Unencumbered Beach within the GHA and SZA area affected by the ORS-4 Super Srypi launch for the protection of the public pursuant to §13-221-4, Hawaii Administrative Rules, in the manner described above.

Respectfully Submitted,



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Marvin Mikasa  
District Land Agent

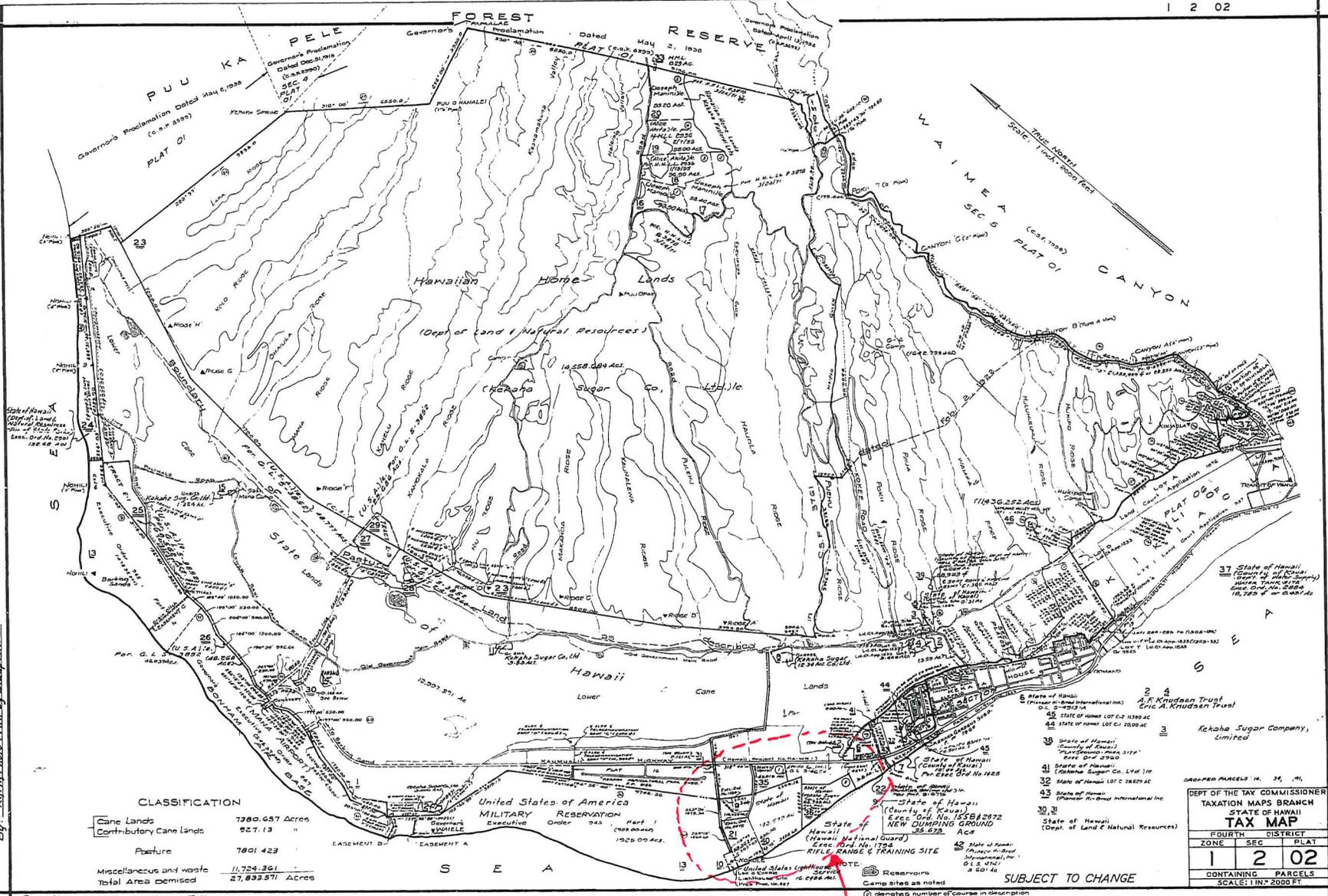
APPROVED FOR SUBMITTAL:



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Suzanne B. Case, Chairperson





Orig. No. 2079 (Revised: May 1964)  
 Source: G.S.F. No. 1589 of T.M.D. of H.  
 By: KXT, Photo Print by Shaptrill Co.

**CLASSIFICATION**

Cane Lands	7380.657 Acres
Contributory Cane Lands	927.13 "
Pasture	7801.423 "
Miscellaneous and waste	11,724.361 "
Total Area Devised	27,833.571 Acres

**DEPT OF THE TAX COMMISSIONER  
TAXATION MAPS BRANCH  
STATE OF HAWAII  
TAX MAP**

FOURTH DISTRICT	
ZONE	SEC
1	2
CONTAINING PARCELS	
SCALE: 1 IN. = 2000 FT.	

37 State of Hawaii (County of Hawaii) State Tank Co. Inc. 10,750 ± ac. G.S.F. No. 1589 of T.M.D. of H.  
 38 State of Hawaii (County of Hawaii) Ketchikan Sugar Company, Limited  
 39 State of Hawaii (County of Hawaii) A.F. Knudsen Trust Eric A. Knudsen Trust  
 40 State of Hawaii (County of Hawaii) State of Hawaii Lot C-2 1850 AC  
 41 State of Hawaii (County of Hawaii) Ketchikan Sugar Co. Ltd 110  
 42 State of Hawaii (County of Hawaii) State of Hawaii Lot C 2869 AC  
 43 State of Hawaii (County of Hawaii) State of Hawaii Lot C 2869 AC  
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**GROUND HAZARD AREA**

**EXHIBIT " 1 "**

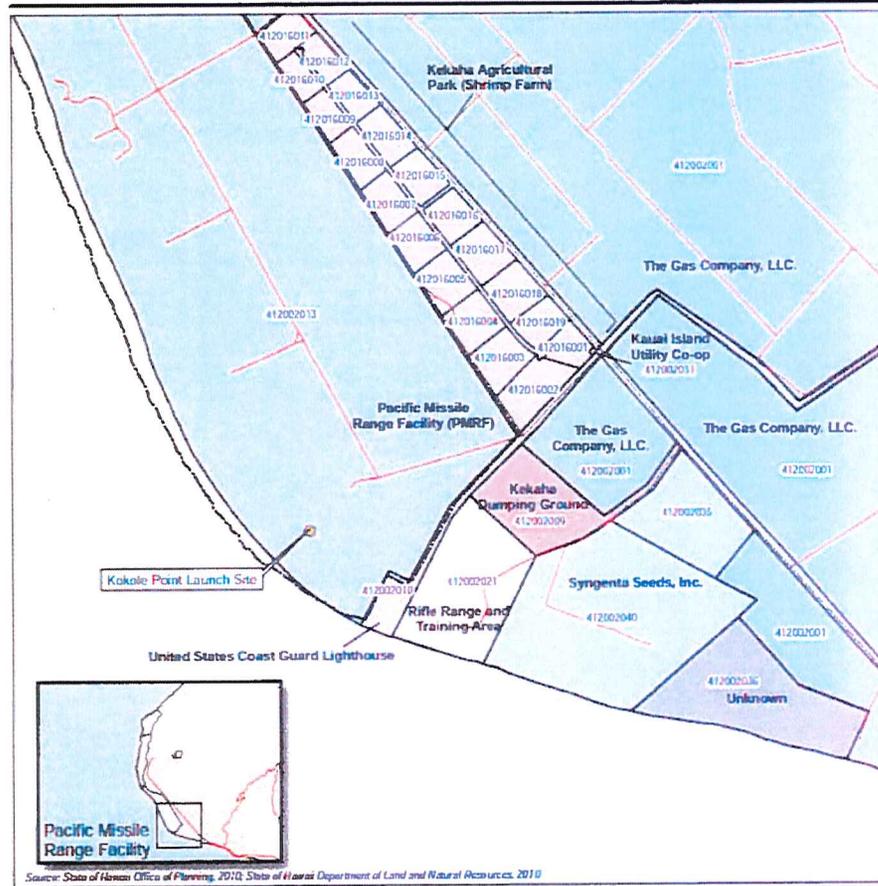
POR. KEKANA, WAIMEA, KAUAI, T. H.

SUBJECT TO CHANGE

# EXHIBIT 1 TO DLNR APPLICATION



Super Strypl GHA Boundary



Source: State of Hawaii Office of Planning, 2010; State of Hawaii Department of Land and Natural Resources, 2010

**EXPLANATION**

- |                                   |                                |  |
|-----------------------------------|--------------------------------|--|
| Kokole Point Launch Site (Pad 41) | Kekaha Dumping Ground          | Syngenta Seeds, Inc.                   |
| Road                              | USCG Lighthouse                | Unknown                                |
| Installation Area                 | Pacific Missile Range Facility | Kekaha Agricultural Park (Shrimp Farm) |
| The Gas Company, LLC.             | Rifle Range and Training Area  |  |

**Tax Map Key Code Identification for Current Tenants Adjacent to Kokole Point Launch Complex**

Kauai, Hawaii

Figure E-1



E-2

Super Strypi Project Final EA

December 2012

## APPENDIX E TAX MAP KEY FOR OFF-BASE PROPERTY

Tax Map Key Code	Major Owner	Common Name	Project 1	Agency 1	Acreage
412002001	Govt. State	The Gas Company, LLC	Agricultural Purposes (Kekaha)	Agribusiness Development Corporation 235 S. Beretania Street, Room 205	13.112
412002009	Govt. State	Kekaha Dumping Ground	Kekaha Dumping Ground	County of Kauai Board of Supervisors	38
412002010	Govt. Federal	USCG Lighthouse			35
412002013	Govt. Federal	Pacific Missile Range Facility (PMRF)	Mana Airport	United States of America	2,032
412002021	Govt. State	Rifle Range and Training Area	Rifle Range and Training Area	Department of Defense Hawaii National Guard	58
412002031	Govt. State	Kauai Island Utility Co-op			0.1
412002035	Govt. State	Syngenta Seeds, Inc.	Agriculture Purposes	Dept. of Agriculture 1428 South King Street	38
412002036	Govt. State	Unknown			66
412002040	Govt. State	Syngenta Seeds, Inc.	Agriculture Purposes	Dept. of Agriculture 1428 South King Street	132
412016001	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
412016002	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	14
412016003	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	11
412016004	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
412016005	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
412016006	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	9
412016007	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	9
412016008	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
412016009	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
412016010	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	5
412016011	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
412016012	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
412016013	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
412016014	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
412016015	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
412016016	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
412016017	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
412016018	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
412016019	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
412016020	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8

Sources: State of Hawaii Office of Planning, 2010; State of Hawaii Department of Land and Natural Resources, 2010

EXHIBIT "2"